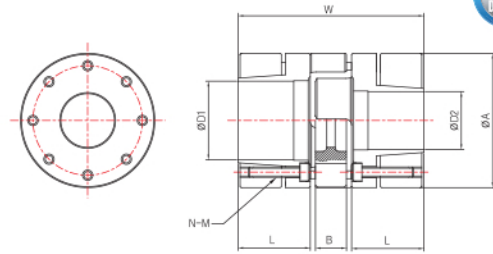




Features

- DRJT is a JAW-Type Flexible Coupling.
- It is outstanding in transferring high torques, and Optimized for spindling machines.
- Cased with aluminum in high rigidity, The coupling has a moment of lower inertia, so it can have a high speed in the revolution.
- The high rev. allows the coupling to absorb the vibrations arising from the eccentricity and declination.
- It has outstanding strengths in terms of balancing and insulating with a temperature of -30°C~90°C available.



Specification

- Materials : High-rigidity aluminum alloy(customized for metals)
- Surface treatment : Alumite process

Usage

- Machine tools, - Spindle

Others

- h7 is recommended for intolerance of inner diameter.

| Product NO. | Dimension(mm) | | | | Tightening Screw | | | Rated Torque N · m | Max. Torque N · m | Max. RPM min ⁻¹ | Moment of Inertia kg · m ² | Torsional Stiffness N · m/rad | Angle ° | Parallel mm | End Play mm | Mass g |
|-------------|---------------|------|-----|----|------------------|--------|----------|-----------------------|----------------------|-------------------------------|--|----------------------------------|------------|----------------|----------------|-----------|
| | | | | | Size | Torque | Quantity | | | | | | | | | |
| | A | L | W | B | M | N · m | Qty | | | | | | | | | |
| DRJT-30A | 30 | 18.5 | 50 | 10 | M3 | 2 | 4 | 13 | 26 | 38,000 | 0.04 × 10 ⁻⁴ | 220 | 1 | 0.1 | +1 0 | 65 |
| DRJT-40A | 40 | 25 | 66 | 12 | M4 | 4 | 6 | 17 | 34 | 30,000 | 0.19 × 10 ⁻⁴ | 2,000 | 1 | 0.1 | +1 0 | 160 |
| DRJT-55A | 55 | 30 | 78 | 14 | M5 | 8 | 4 | 60 | 120 | 23,000 | 0.78 × 10 ⁻⁴ | 4,000 | 1 | 0.1 | +1 0 | 345 |
| DRJT-65A | 65 | 35 | 90 | 15 | M5 | 8 | 8 | 180 | 360 | 20,000 | 1.70 × 10 ⁻⁴ | 8,000 | 1 | 0.1 | +1.4 0 | 560 |
| DRJT-80A | 80 | 45 | 114 | 18 | M6 | 13 | 8 | 325 | 650 | 15,000 | 5.17 × 10 ⁻⁴ | 20,000 | 1 | 0.1 | +1.5 0 | 1,030 |
| DRJT-95A | 95 | 50 | 126 | 20 | M8 | 25 | 4 | 450 | 900 | 11,000 | 11.17 × 10 ⁻⁴ | 30,000 | 1 | 0.1 | +1.5 0 | 1,630 |
| DRJT-100A | 104 | 56 | 140 | 21 | M10 | 50 | 4 | 600 | 1,200 | 10,000 | 3.70 × 10 ⁻³ | 40,000 | 1 | 0.1 | +2.0 0 | 2,200 |

Mass and Moment of inertia are measured with max bore size.

| Product NO. | Standard Inner diameter(D1, D2) (mm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------------------------------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 24 | 25 | 26 | 28 | 30 | 32 | 35 | 38 | 40 | 42 | 45 | 48 | 50 | 55 |
| DRJT-30A | • | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | | | | | | |
| DRJT-40A | | | | | • | • | • | • | • | • | • | • | • | • | | | | | | | | | | | | | | | |
| DRJT-55A | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | | | | | | | | | | |
| DRJT-65A | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| DRJT-80A | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| DRJT-95A | | | | | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| DRJT-100A | | | | | | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |